

Notice of Allowability

Application No.

09/611,913

Examiner

Carl Colin

Applicant(s)

KAHN, CLIFFORD E.

Art Unit

2136

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Appeal Brief filed on 10/10/06 and phone interview on 10/26/06.
2. ☒ The allowed claim(s) is/are 1,6,12-14,19,24,27,30-32,52,53,57-59,61-64 and 67-76.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

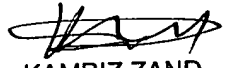
4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 20061027.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

NASSER MOAZZAMI
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100


KAMBIZ ZAND
PRIMARY EXAMINER

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given by Applicant's attorney Paul Kriz in a telephone interview held on 10/26/2006 (see attached). The application has been amended as shown below:

45. (Cancelled)

52. (Currently Amended) A method for providing access control in a computing system environment, the method comprising the steps of:

- receiving an access request;

- selecting, based on the access request, a set of rules containing multiple rules from at least one master set of rules, at least one of the multiple rules including multiple rule operations to be performed in sequential order;

- for a first rule of the multiple rules:

- performing a filter operation associated with the first rule to identify whether to execute any rule operations in the first rule; and

- performing multiple operations in the first rule to determine whether to provide access to a storage system in response to receiving the access request, the first rule including a disregard instruction that, when executed, limits performance to fewer than all rule operations in a second rule of the selected set of rules as specified by disregard criteria in the disregard instruction;

wherein the disregard instruction is a conditional disregard instruction, which limits a performance of other rule operations in multiple rules other than the first rule in the selected set of rules depending on occurrence of a corresponding condition as specified by the disregard criteria in the disregard instruction, the method further comprising:

performing at least one other rule operation in the first rule as well as other rules in the selected set of rules after performing the conditional disregard instruction.

55. (Cancelled)

56. (Cancelled)

58. (Currently Amended) A method for providing access control in a computing system environment, the method comprising:

receiving an access request;

in response to receiving the access request, selecting a set of rules for processing to determine whether to permit the access request;

during processing of the set of rules, performing a conditional disregard rule operation in the set of rules;

based on performing the conditional disregard rule operation, disregarding execution of at least one rule operation other than the conditional disregard rule operation in the set of rules as specified by the conditional disregard rule operation; and

after performing the conditional disregard rule operation, performing at least one other rule operation in the set of rules not specified by disregard criteria in the conditional disregard rule operation;

wherein a field of data in the conditional disregard rule operation specifically identifies a first type of rule operations that are to be disregarded from execution in the set of rules, execution of the conditional disregard rule operation not having any affect on whether to perform a second type of rule operations in the set of rules.

59. (Currently Amended) A method as in claim 58 further comprising:

comparing disregard criteria in the a field of data field associated with the conditional disregard rule operation to data in other rule operations to identify which other rule operations in the selected set of rules to disregard from performance.

60. (Cancelled)

61. (Currently Amended) A method as in claim ~~60~~ 58, wherein performing a conditional disregard rule operation further comprises identifying disregard criteria in the conditional disregard rule operation, the method further comprising:

upon performing the conditional disregard rule operation, marking any remaining unperformed rule operations in the set of rules as identified by the disregard criteria;
and

continuing performance of rule operations in the set of rules that are not marked to be disregarded.

63. (Currently Amended) A method for providing access control in a computing system environment, the method comprising:

receiving an access request;

in response to receiving the access request, selecting a first set of rules and a second set of rules for processing to determine whether to permit the access request, the first set of rules and the second set of rules each including multiple rule operations;

during processing of the first set of rules, performing a disregard rule operation in the first set of rules; and

based on performing the disregard rule operation, disregarding execution of at least one rule operation in the second set of rules as identified by the disregard rule operation; and

after disregarding execution of at least one rule operation in the second set of rules as identified by the disregard rule operation in the first set of rules, performing at least one rule operation in the second set of rules not associated with the disregard rule operation; and

following completion of executing the first set of rules and the second set of rules, generating an access control decision whether to permit the access request.

66. (Cancelled)

77-82. (Cancelled).

Response to Arguments

2. The After-Final amendment filed on 11/04/2005 has been entered and the objection to claim 19 has been withdrawn in view of the amendment. Applicant's arguments in the Appeal Brief, filed on 10/10/2006 have been fully considered and they are persuasive in light of the Examiner's amendment as agreed upon in a phone interview held on 10/26/2006 with Applicant's Representative Paul Kriz.

Reasons for Allowance

3. Claims 1, 6, 12-14, 19, 24, 27, 30-32, 52, 53, 57-59, 61-64, and 67-76 are allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

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fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Carl Colin whose telephone number is 571-272-3862. The examiner can normally be reached on Monday through Thursday, 8:00-6:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nasser G. Moazzami can be reached on 571-272-4195. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

cc

Carl Colin
Patent Examiner
October 27, 2006

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[Signature]
10/27/06